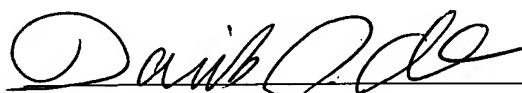


FORM PTO-1390 (REV 1-98)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 81876.0071
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.5) 107501795 Not Assigned
INTERNATIONAL APPLICATION NO. PCT/JP2003/011032	INTERNATIONAL FILING DATE August 29, 2003 (8/29/03)	PRIORITY DATE CLAIMED November 29, 2002 (11/29/02)	
TITLE OF INVENTION DC-AC CONVERTER AND CONTROLLER IC THEREFOR			
APPLICANT(S) FOR DO/EO/US Kenichi FUKUMOTO			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 			
Items 11. to 16. below concern document(s) or information included:			
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <ul style="list-style-type: none"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input type="checkbox"/> Other items or information: 			

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/501 795 Not assigned	INTERNATIONAL APPLICATION NUMBER PCT/JP2003/011032	ATTORNEY'S DOCKET NUMBER 81876.0071			
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY			
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):					
Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO of JPO.....\$[1080]					
International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$[920]					
International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO\$[770]					
International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$[730]					
International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$[100]					
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 920.00			
Surcharge of \$130. for furnishing the oath or declaration later than months from the earliest claimed priority date (37 C.F.R. 1.492(e)).		□ 20 <input type="checkbox"/> 30 \$ 0			
CLAIMS	NUMBER FILED	NUMBER ALLOWED	NUMBER EXTRA	RATE	
Total claims	10	20	0	X \$18.00	\$ 0
Independent claims	2	3	0	X \$86.00	\$ 0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		0		X \$290.00	\$ 0.00
				TOTAL OF ABOVE CALCULATIONS =	\$ 920.00
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2.				SUBTOTAL =	\$ 920.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).		□ 20 <input type="checkbox"/> +		\$ 0	
				TOTAL NATIONAL FEE =	\$ 920.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property		+		\$ 40	
				TOTAL FEES ENCLOSED =	\$ 960.00
\$				Amt. Refunded	\$
				Amt. charged	\$
a. <input type="checkbox"/> Checks in the amounts of __ and __ to cover the above fees are enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 50-1314 in the amount of \$ 920.00 to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<input checked="" type="checkbox"/> Customer Number 000026021 → HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, California 90071 Phone: 213-337-6700 Fax: 213-337-6701					
 SIGNATURE Dariush G. Adli REG.NO. 51,386 Express Mail No. EV 547 774 276 US Date: July 16, 2004					

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

10/501 795
DT03 Rec'd PCT/PTO 16 JUL 2004

PATENT
Attorney Docket No: 81876.0071

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kenichi FUKUMOTO

Serial No: Not Assigned

Filed: July 16, 2004

For: DC-AC CONVERTER AND CONTROLLER IC
THEREFOR

Art Unit: Not Assigned

Examiner: Not Assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 547 774 276 US

Date of Deposit: July 16, 2004

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- patent application (30 page(s) of specification; 10 claim(s); 1 page(s) of abstract
- 5 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to ROHM CO., LTD.
- Information Disclosure Statement with 2 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: July 16, 2004

Reynaldo Gallardo

Name of person mailing papers

Hogan & Hartson, LLP
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Telephone: 213-337-6700
Facsimile: 213-337-6701



Signature